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JOINT COMMITTEE

ANNUAL REPORT
of the
Medical Officer of Health
for the Year 1972

Medical Officer of Health :
R. F. Barclay, M.B., B.S., M.F.C.M., D.P.H.

Districts :

Warmley Rural District
Sodbury Rural District
Mangotsfield Urban District
Kingswood Urban District

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Mangotsfield Urban District
Kingswood Urban District

SODBURY RURAL DISTRICT COUNCIL

Composition of District

Parishes of Acton Turville, Alderley, Badminton, Cold Ashton, Dodington, Doynton, Dyrham & Hinton, Frampton Cotterell, Filton, Horton, Hawkesbury, Iron Acton, Little Sodbury, Marshfield, Pucklechurch, Sodbury, Stoke Gifford, Tormarton, Westerleigh, Wick & Abson, Wickwar, Winterbourne, Yate.

Chairman of the Public Health Committee

Cllr. A. J. Honeybourne

WARMLEY RURAL DISTRICT COUNCIL

Composition of District

Parishes of Bitton, Hanham Abbotts, Mangotsfield Rural, Oldland. Siston.

Chairman of the Public Health Committee

Cllr. H. E. Rawlings

KINGSWOOD URBAN DISTRICT COUNCIL

Composition of District

Wards Chiphouse, Chase, Park, Woodstock, Forest, Hanham.

Chairman of the Public Health Committee

Cllr. E. F. Lucas

MANGOTSFIELD URBAN DISTRICT COUNCIL

Composition of District

Wards Downend, Soundwell, Mangotsfield. Bromley Heath, Page, Staple Hill.

Chairman of the Housing and Health Committee

Cllr. C. F. Wherlock, J.P.

PUBLIC HEALTH STAFF

Medical Officer of Health
R. F. BARCLAY, M.B. B.S., M.F.C.M., D.P.H.

The Medical Officer's duties are divided into two parts, 50% of each, one part comprising duties as District Medical Officer of Health to the four Districts named below, and for the other part he acts as Divisional Medical Officer to the Gloucestershire County Council, in the same area.

SODBURY RURAL DISTRICT

Public Health Inspectors
J. H. E. Steele, M.A.P.H.I., CERT.R.S.H., CERT.I.P.H.E.
(Chief Public Health Inspector)
G. G. W. Fry, M.A.P.H.I.
(Senior Public Health Inspector)
S. F. Williams, M.A.P.H.I.
(Smoke Insp. Dip.)
J. W. M. Rivers, M.A.P.H.I.
(Smoke Insp. Dip.)
D. H. Davies, M.A.P.H.I.
(Smoke Insp. Dip.)

WARMLEY RURAL DISTRICT

Public Health Inspectors
L. J. Prosser, L.I.O.B., M.A.P.H.I., M.R.S.H.
(Chief Public Health Inspector)
N. R. Massey, M.R.S.H., M.A.P.H.I., C.S.I.B,
(Deputy)
B. A. Mills, M.A.P.H.I.
(Additional)

Technical Assistants
W. R. Parkinson
(Cert. Meat Inspection R.S.H.)
P. B. Young, A.R.S.H.
(Cert. Meat Inspection R.S.H.)

KINGSWOOD URBAN DISTRICT

Public Health Inspectors
David King, M.A.P.H.I.,
(Chief Public Health Inspector and Housing Officer)
L. C. Harris, M.A.P.H.I.,
(Deputy Chief Public Health Inspector)
A. M. Lovell, BS.C., M.A.P.H.I.,
(Additional Public Health Inspector)

MANGOTSFIELD URBAN DISTRICT

Public Health Inspectors
H. J. Bryant, M.A.P.H.I., M.R.S.H.
R. J. Merrick, M.A.P.H.I., D.M.A.
(Smoke Insp. Dip.)

SOUTH GLOUCESTERSHIRE JOINT (M.O.H.) COMMITTEE

Ladies and Gentlemen,

I have much pleasure in presenting the Annual Report of the Medical Officer of Health for 1972.

I am glad to have this opportunity once again of thanking the many people who provide information for inclusion in the following pages, and especially to express my sincere appreciation of the help I have received during the year from the Public Health Inspectors.

R. F. BARCLAY,
Medical Officer of Health

To the Chairmen and Members,
Sodbury Rural District Council
Warmley Rural District Council.
Kingswood Urban District Council.
Mangotsfield Urban District Council

SOCIAL CONDITIONS AND GENERAL STATISTICS 1972

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
AREA OF DISTRICT (acres)	69,173	8,860	1,530	1,469
POPULATION (Registrar General's mid-year estimate)	69,400	24,260	30,630	22,870
NUMBER OF INHABITED HOUSES as at 31/3/72	21,542	7,628	10,030	7,916
ESTIMATED NUMBER OF VOID HOUSES as at 31/3/72	400	85	225	84
RATEABLE VALUE	£3,021,196	£772,095	£1,109,569	£856,362
SUM REPRESENTED BY A PENNY RATE (Year 1972-73)	£29,200	£7,920	£10,790	£8,400

ANALYSIS OF POPULATION CHANGES 1972

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	TOTAL
A. TOTAL BIRTHS	1,376	278	506	293	2,453
B. TOTAL DEATHS	557	191	281	218	1,247
C. NATURAL INCREASE (Births minus deaths)	819	87	225	75	1,206
D. REGISTRAR GENERAL'S ESTIMATED CHANGE IN POPULATION	+2,110	+170	+230	−190	+2,320
E. (D. — C.) (+ = IMMIGRATION — = EMIGRATION)	+1,291	+83	+5	−265	+1,114

94 of the 2453 live births were illegitimate. This represents 3.8% (The comparative figure for the whole of the County is 6.2% and for England and Wales 9.0%). All these figures, both locally and nationally, are higher than last year.

1969	2,520	150	170	—40	2,800
1970	2,130	—70	610	—90	2,580
1971	1,040	200	450	—380	1,310
1972	**2,110**	**170**	**230**	**—190**	**+2,320**

These population changes show a similar pattern to last year, Sodbury Rural District making the largest contribution to the general increase, and Mangotsfield continuing to show a fall.

1965	2,630	490	750	160	4,030
1966	2,800	340	260	—1,160	2,240
1967	1,950	130	60	—230	1,910
1968	2,550	40	460	70	3,120

POPULATION CHANGES (1963-72) SOUTH GLOUCESTERSHIRE AREA

Year	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	TOTAL
1963	2,190	760	690	120	3,760
1964	2,610	550	540	180	3,880

BIRTH & DEATH RATES 1972

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	Combined Districts	England & Wales
RATES PER 1,000 HOME POPULATION	19.8(16.4)	11.5(12.2)	16.5(15.0)	12.8(14.5)	15.2(14.5)	14.8
Live Birth Rate						
Ratio adjusted : National Rate (Births)	1.11	0.82	1.01	0.98	0.98	
DEATH RATE PER 1,000 POPULATION	8.0(11.0)	7.9(9.9)	9.2(12.5)	9.5(10.5)	8.7(11.0)	12.1
Ratio adjusted: National Rate (Deaths)	0.91	0.82	1.03	0.86	0.9	

The table above shows the birth and death rates per 1,000 population in each district. The Area Comparability factor (supplied by the Registrar General, and taking into account the age and sex distribution of the country as a whole), has been applied to the figures in brackets, and these "adjusted" rates can be compared one with another and with rates in other parts of the country. The ratios between them and the national rates are also shown.

It will be noted that both the birth and death rates for the cmbined districts are below the national figure. On the other hand the adjusted birth rates for Sodbury R.D. and Kingswood U.D. are above those for England and Wales, and a similar comment is applicable in respect of the adjusted death rate for the latter district.

INFANT DEATHS

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	TOTAL
NUMBER OF DEATHS under 1 year of age	27	3	10	3	43
NUMBER OF ABOVE					
occurring under 4 weeks of age	17	2	8	1	28
occurring under 1 week of age	14	2	7	0	23

It will be seen that the total number of infant deaths is 43 and that well over half of these (28) occurred under the age of four weeks. The Registrar General classified 27 of the deaths under the three categories Congenital Abnormality, Birth Injury or Difficult Labour, and Perinatal Mortality.

TABLE SHOWING INCIDENCE OF NOTIFIED INFECTIOUS DISEASES

	Sodbury Rural District	Warmley Rural District	Kingswood Urban District	Mangotsfield Urban District	Totals
ACUTE ENCEPHALITIS	—	—	—	—	—
ACUTE MENINGITIS	1	—	—	2	3
ACUTE POLIOMYELITIS	—	—	—	—	—
ANTHRAX	—	—	—	—	—
CHOLERA	—	—	—	—	—
DIPTHERIA	—	—	—	—	—
DYSENTRY (amoebic or bacillary)	7	—	—	—	13
INFECTIVE JAUNDICE	6	15	8	37	66
LEPTOSPIROSIS	—	—	—	—	—
MALARIA	—	—	—	—	—
MEASLES	294	118	93	55	560
OPTHALMIA NEONATORUM	—	1	—	—	1
PARATYPHOID FEVER	—	—	—	—	—
PLAGUE	—	—	—	—	—
RELAPSING FEVER	—	—	—	—	—
SCARLET FEVER	5	6	9	9	29
SMALLPOX	—	—	—	—	—
TETANUS	1	—	—	—	1
TUBERCULOSIS	—	1	—	—	1
TYPHOID FEVER	—	—	—	—	—
TYPHUS	—	—	—	—	—
WHOOPING COUGH	1	2	—	5	8
YELLOW FEVER	—	—	—	—	—
FOOD POISONING	14	7	6	3	30

All Mangotsfield Infective Jaundice cases, and 13 of the 15 in Warmley R.D. were associated with an outbreak which occurred at a local Junior School in July. Cases in Sodbury Rural and Kingswood Urban, affected mainly adults in various parts of the districts and at various times during the year.

6 of the 7 Dysentery cases notified in Sodbury R.D. occurred as part of a small outbreak in the children's ward of a local hospital.

Four cases of Food Poisoning also occurred as a result of an outbreak in a hospital ward. The causal organism was Salmonella Hadar, a type not previously isolated in this area. Five other cases of similar infection occurred at about the same time in the south Gloucestershire and adjoining districts, but in spite of exhaustive enquiries and investigations by all the health authorities involved, no source was ascertained. The organism did not appear again during the course of the year.

Other Food Poisoning cases notified during the year formed scattered and isolated incidents, involving one or two persons. Three cases occurred after holidays abroad. Although a definite food source was not established in all cases, the organisms isolated were such that food poisoning was a presumptive diagnosis.

TABLE SHOWING PRINCIPAL CAUSES OF DEATH IN 1972

Cause of Death	Totals				
	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	Total
4. Enteritis and Other Diarrhoeal Diseases	1	—	—	—	1
5. Tuberculosis of Respiratory System	1	—	—	1	2
6. Other Tuberculosis, Incl. Late Effects	—	—	—	—	—
10. Streptococcal Sore Throat, Scarlet Fever	—	—	—	—	—
11. Meningococcal Infection	—	—	—	1	1
17. Syphilis and its Sequelae	—	—	—	—	—
18. Other Infective and Parasitic Diseases	—	—	1	—	1
B19. Malignant Neoplasm					
(1) Buccal Cavity, etc.	—	—	1	—	1
(2) Oesophagus	1	2	4	1	8
(3) Stomach	15	4	7	4	30
(4) Intestine	22	9	8	7	46
(5) Larynx	1	—	—	—	1
(6) Lung, Bronchus	17	6	14	14	51
(7) Breast	12	3	4	6	25
(8) Uterus	6	1	3	3	13
(9) Prostate	4	1	3	2	10
(10) Leukaemia	4	—	1	1	6
(11) Other	36	6	11	16	69
20. Benign and Unspecified Neoplasms	1	—	—	2	3
21. Diabetes Mellitus	5	2	2	—	9
22. Avitaminosis	—	—	—	—	—
46. (1) Other Endocrine, etc. Diseases	3	1	2	1	7
23. Anaemias	—	—	—	1	1
46. (2) Other Diseases of Blood etc.	—	—	1	—	1
46. (3) Mental Disorders	1	1	—	—	2
24. Meningitis	—	—	1	—	1
46. (4) Multiple Sclerosis	—	—	—	—	—
46. (5) Other Diseases of Nervous System, etc.	9	2	3	3	17
25. Active Rheumatic Fever	—	—	—	—	—
26. Chronic Rheumatic Heart Disease	5	2	4	2	13
27. Hypertensive Disease	12	3	6	2	23
28. Ischaemic Heart Disease	143	53	75	63	334
29. Other Forms of Heart Disease	18	7	14	7	46
30. Cerebrovascular Disease	67	36	40	27	170
46. (6) Other Diseases of Circulatory System	24	5	9	11	49
31. Influenza	3	2	1	1	7
32. Pneumonia	43	17	22	17	99
33. (1) Bronchitis and Emphysema	15	9	9	4	37
(2) Asthma	1	1	1	—	3
46. (7) Other Diseases of Respiratory System	9	1	1	5	16

35.	Appendicitis	—	—	—	—	—
34.	Peptic Ulcer	1	3	2	—	6
36.	Intestinal Obstruction and Hernia	3	—	3	2	8
37.	Cirrhosis of Liver	2	1	3	—	6
46.	(8) Other Diseases of Digestive System	8	1	1	2	12
38.	Nephritis and Nephrosis	3	1	—	1	5
39.	Hyperplasia of Prostate	3	—	—	—	3
46.	(9) Other Diseases, Genito-Urinary System	3	3	3	3	12
46.	(10) Diseases of Skin, sub-cutaneous tissue	1	—	2	—	3
46.	(11) Diseases of Musculo-Skeletal System	4	1	1	1	7
41.	Complications of pregnancy etc.	—	—	1	—	1
42.	Congenital Anomalies	9	1	5	1	16
43.	Birth Injury, Difficult Labour, etc.	6	2	1	—	9
44.	Other Causes of Perinatal Mortality	6	—	—	—	6
45.	Symptons and Ill-defined Conditions	3	1	3	1	8
47.	Motor Vehicle Accidents	11	1	4	—	16
48.	All Other Accidents	6	—	1	4	11
49.	Suicide and Self-Inflicted Injuries	8	2	2	1	13
50.	All Other External Causes	1	—	1	—	2
	TOTAL	557	191	281	218	1,247

Cancer (all forms) accounted for 260 deaths out of a total of 1,247. 51 were due to lung cancer, of which 45 were men (i.e. 90%).

There were 334 deaths from Coronary Thrombosis (No. 28 Ischaemic Heart Disease). 198 of these were men.

The three main causes of death, Cancer (No. 19), Cardio-vascular conditions (No. 25 to 30 inclusive and 46 (6) and Respiratory Disease (31 to 33 plus 46 (7), alone account for 1,057 out of the 1,247 deaths.

Violent deaths numbered 40 of which 16 were due to road accidents, and 11 to other forms of accident.

INCIDENCE OF TUBERCULOSIS
NEW NOTIFICATIONS IN YEAR 1972
(excluding transfers)

RESPIRATORY

AGE GROUPS	Sodbury R.D.		Warmley R.D.		Kingswood U.D.		Mangotsfield U.D.	
	M	F	M	F	M	F	M	F
Under 4 weeks	—	—	—	—	—	—	—	—
4 weeks and under 1 year	—	—	—	—	—	—	—	—
1 - 4 years	—	—	—	—	—	—	—	—
5 - 14 years	—	—	—	—	—	—	—	—
15 - 24 years	1	—	—	—	—	—	—	—
25 - 34 years	—	1	—	—	—	—	—	—
35 - 44 years	1	—	—	—	—	—	—	—
45 - 54 years	1	1	—	—	—	—	—	—
55 - 64 years	1	—	—	—	—	—	—	—
65 - 74 years	—	—	—	—	—	—	—	—
75 years and over	—	1	—	—	—	—	—	—
TOTALS	4	3	—	—	—	—	—	—

NON-RESPIRATORY

Under 4 weeks	—	—	—	—	—	—	—	—
4 weeks and under 1 year	—	—	—	—	—	—	—	—
1 - 4 years	—	—	—	—	—	—	—	—
5 - 14 years	—	1	—	—	—	—	—	—
15 - 24 years	—	—	—	—	—	—	—	—
25 - 34 years	—	—	—	—	—	—	—	—
35 - 44 years	—	—	—	—	—	—	—	—
45 - 54 years	—	—	—	—	—	—	—	—
55 - 64 years	—	—	—	—	—	—	—	—
65 - 74 years	—	—	—	1	—	—	—	—
75 years and over	—	1	—	—	—	—	—	—
TOTALS	—	2	—	1	—	—	—	—

TRANSFERS INTO AREA DURING 1972

	Sodbury R.D.	Warmley R.D	Kingswood U.D.	Mangotsfield U.D.
RESPIRATORY				
Male	2	—	—	—
Female	1	1	1	—
NON-RESPIRATORY				
Male	—	—	—	—
Female	—	—	—	—
TOTAL	3	1	1	—

TRANSFERS OUT OF AREA 1972

	Sodbury R.D.	Warmley R.D.	U.D. Kingswood	Mangotsfield U.D.
RESPIRATORY				
Male	2	—	—	—
Female	—	1	—	—
NON-RESPIRATORY				
Male	—	—	—	—
Female	1	1	—	—
TOTAL	3	2	—	—

REMOVALS FROM THE REGISTER 1972

	Sodbury R.D.	Warmle R.D.	Kingswood U.D.	Mangotsfield U.D.
RESPIRATORY				
Male	2	—	1	3
Female	5	2	—	—
NON-RESPIRATORY				
Male	—	—	—	—
Female	2	1	—	1
TOTAL	9	3	1	4

NUMBER ON T.B. REGISTER 31.12.72

	Sodbury R.D.	Warmley R.D.	Kingswood U.D	Mangotsfield U.D.
RESPIRATORY				
Male	90	31	43	52
Female	92	27	36	37
NON-RESPIRATORY				
Male	22	11	4	10
Female	20	10	7	11
TOTAL	224	79	90	110

The total number of cases on the T.B. register of the South Gloucestershire area was 503 at the end of 1972. This gives an incidence of 3.4 per 1000 population, maintaining the downward trend of recent years.

MASS RADIOGRAPHY SERVICE

As a result of the visits paid by the Mass Radiography Units to various sites, including Hospitals, Old People's Homes, the National Assistance Board's Reception Centre at Winterbourne the fortnightly public sessions in Kingswood and Yate; to which General Practitioners refer cases, and the use made by the South Gloucestershire residents of the static X-ray unit in Bristol, abnormalities were detected in 120 individuals. Of these 3 were cases of active tuberculosis and 6 were lung cancer.

B.C.G. VACCINATION

This immunisation procedure which gives protection against Tuberculosis is offered to school children at twelve years of age (provided they are negative to a skin test given a few days previously). The results of this work in the South Gloucestershire area are summarised below.

Invitations	Acceptances	SKIN TESTS				B.C.G. Given
		Number Tested	Positive	Strong Positive	Negative	
745	719	661	41	4	620	620

Those pupils giving a strongly positive result to the skin test are investigated further to ensure that no active disease is present.

VACCINATION & IMMUNISATION STATE, 1972

The figures in the following table refer to all children under school leaving age, resident in the South Gloucestershire area.

	Diphtheria	Tetanus	Whooping Cough	Poliomyelitis	Smallpox	Measles
Percentage of children protected	79	79	78	79	28	37

The number of children involved is 15,804.

The figures for Diphtheria, Tetanus, Whooping Cough and Poliomyelitis are the same as last year; that for Smallpox shows a decrease, which reflects the change in central policy not to recommend vaccination in infancy; and that for measles, a slight rise (from 33% in 1971), which is encouraging.

The percentage immunised against the first four conditions (a procedure carried out during the first year of life) for children born in 1970, is however over 90% for each of these diseases.

The following tables are submitted at the request of the Ministry of Labour as required by Section 128(3) of the Factories Act, 1937.
The details listed under Table I will be clarified by reference to Table 2.

SODBURY R.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, & 6 are to be enforced by Local Authorities	1	1	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	135	36	1	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	—	—	—	—
TOTAL	136	37	1	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	Referred By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Convenience (S.7)					
(a) Insufficient	1	1	—	1	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not included offences relating to Outwork)	—	—	—	—	—
TOTAL	1	1	—	1	—

OUTWORK (Section 110 and 111)

Nature of Work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel etc.	4	—	—	—	—	—

WARMLEY R.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, & 6 are to be enforced by Local Authorities	2	2	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	61	43	1	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	23	23	—	—
TOTAL	86	68	1	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	Referred By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Convenience (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not included offences relating to Outwork)	—	—	—	—	—
TOTAL	1	1	—	—	—

OUTWORK (Section 110 and 111)

Nature of Work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel, Making, etc.	2	—	—	—	—	—
TOTAL	2	—	—	—	—	—

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, & 6 are to be enforced by Local Authorities	7	1	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	87	2	—	—
iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	6	—	—	—
TOTAL	100	3	—	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	Referred By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Convenience (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	3	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not included offences relating to Outwork)	—	—	—	—	—
TOTAL	—	—	—	3	—

OUTWORK (Section 110 and 111)

Nature of Work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel, Making, etc.	5	—	—	—	—	—
TOTAL	5	—	—	—	—	—

MANGOTSFIELD U.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, & 6 are to be enforced by Local Authorities	11	7	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	40	18	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	3	3	—	—
TOTAL	54	28	—	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	Referred By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Convenience (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	2	2	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not included offences relating to outwork)	—	—	—	—	—
TOTAL	2	2	—	—	—

OUTWORK (Section 110 and 111)

Nature of Work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel, Makings, etc.	8	—	—	—	—	—
TOTAL	8	—	—	—	—	—

WATER SUPPLIES

SOUTH GLOUCESTERSHIRE AREA

The Bristol Waterworks Company is the statutory water supplier for the whole of the area. All sources provide water of varying degrees of hardness, none possesses plumbo solvent properties, and the fluoride content varies from 0.4 to 0.1 parts per million (well below the level (1 part per million) recommended for the prevention of dental decay).

Number of Domestic Supplies and Population Served

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
Number of Domestic Supplies Direct	23,585	8,397	10,856	5,581
Population Served Direct	69,325	24,240	30,630	22,870

There were a few complaints concerning discolouration of the supply due to the presence of iron deposits. Arrangements were made by the Company to flush out the service pipes concerned.

MAINS LAID IN 1972
(Length in Metres)

Authority	3″	4″	6″	8″	10″	12″	30″	36″	1100 mm	46″
Kingswood U.D.C.	26	259	—	172	—	—	69	—	—	—
Mangotsfield U.D.C.	5	509	—	—	—	—	—	—	—	—
Sodbury R.D.C.	—	6172	3609	1572	630	1318	—	—	856	10233
Warmley R.D.C.	31	516	761	—	—	—	1402	4875	1585	—
TOTALS	62	7456	4370	1744	630	1318	1471	4875	2441	10233

SODBURY RURAL DISTRICT COUNCIL

DRAINAGE AND SEWERAGE

During the year the undermentioned schemes were completed.

Acton Turville and Badminton

This combined sewerage scheme commenced some eighteen months ago was completed at a cost of approximately £73,500.

Dodington Road, Chipping Sodbury

This scheme was commenced in the Autumn of the year and it is hoped to be completed in the early spring of 1973.

Ram Hill, Coalpit Heath

This scheme which was commenced in the early part of the year was completed in December and it is hoped that the caravan site where there are some sixty-six mobile dwellings will be connected early in the new year.

Bagstone and Rangeworthy
Tormarton and Old Sodbury

These two combined schemes were completed early in 1972.

SEWERAGE AND FLOOD RELIEF SCHEME

Stanshawes Relief Sewer

This flood relief scheme is almost complete, only some minor ancillary works remain. The estimated cost was £30-35,000.

Filton — Winterbourne

Stage I Relief Sewer

Work on this scheme has just commenced and Stage II is being prepared.

Other schemes in the design stages are:—

(a) Engine Common, Yate.

(b) Watley's End, Winterbourne.

(c) Chipping Sodbury relief foul water sewer.

FOOD HYGIENE (GENERAL) REGULATIONS, 1970

No. of Premises	373
No. of Premises fitted to comply with Regulation 18	373
No. of Premises to which Regulation 21 applies	359
No. of Premises fitted to comply with Regulation 21	359

Category	No. of Premises	No. complying with Reg. 18	No. of Premises to which Reg. 21 applies	No. Complying with Reg. 21
Catering Establishments (including schools, canteens, pubs, cafes, factory canteens	142	142	142	142
Food Factories	1	1	1	1
General Provision Shops	119	119	119	119
Confectionary Shops and Bakehouses	59	59	45	45
Fish Friers and Wet Fish Shops	20	20	20	20
Butchers and Cooked Meat Shops	32	32	32	32

(Section 18 refers to the provision of wash hand basins and Regulation 21 to facilities for washing food and equipment).

SALE OF ICE CREAM

The number of premises registered for the sale of pre-packed ice cream was 240 showing an increase of 2 over the figure for last year:—

Registered Premises

Sale of Ice Cream	240
Manufacture of Ice Cream	1
Meat Products	40

The activities of mobile salesmen were kept under surveillance and no action for any infringement was found to be necessary.

FOOD COMPLAINTS

Nineteen complaints were received, of these four were in respect of dirty milk bottles and fifteen were regarding unfit food stuffs and three successful prosecutions were made. Two were in respect of dirty milk bottles and one unfit food. In view of the fact that the remainder were first offences warning letters were sent to the offenders.

FOOD CONDEMNED

(a) *Canned Goods*

Meat and meat products	444 cans
Fruit and fruit juices	1,173 cans
Milk and milk products	53 cans
Vegetables	431 cans
Fish	47 cans
Poultry	1 can

(b) *Meat Condemned other than at a slaughterhouse*
80 lbs. various meats

(c) *Fresh Fish* .... 309 lbs.

(d) *Fresh Fruit and Vegetables* ..... 51,599 lbs.

(e) *Frozen Foods* .... 2,891 assorted packets

(f) *Miscellaneous*

36 gallons of bitter ale
183 bottles of sauce
4 bottles of vinegar
1 bottle of cooking oil
15 jars of coffee
13 jars of jam
2 tins of coffee
1 tin of cocoa
2 tins of beverage
2 tins of syrup
3 packets of cut peel
13 packets of mixed peel
11 packets of currants
1 packet of mixed fruit
2 packets of pie filling
15 packets of meringue
4 packets of pastry mix
7 packets of cake mix
24 packets of cornflour
11 packets of beef suet
9 packets of stuffing
4 packets of bicarbonate of soda
8 packets of cooking salt
8 packets of pearl barley
9 packets of dried peas
8 packets of rice
2 tins of spaghetti hoops
2 jars of peanut butter
6 packets of biscuits
5 packets of cream crackers
1 packet of tea
12 packets of brown sugar

MEAT INSPECTION

There are five slaughterhouses in operation in the area and a 100% meat inspection is maintained.

Thanks again should be given to the staff of the Department of Preventive Medicine, Canynge Hall, Bristol for their invaluable co-operation during the past year.

The appended table gives details of the examination and inspection of carcasses together with the percentage of meat condemned:—

Sodbury Rural District Council

Carcasses and Offal inspected and condemned in whole or in part

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number Killed	692	92	10	2997	2539	—
Number Inspected	692	92	10	2997	2539	—
All Diseases Except Tuberculosis & Cysticerci						
Whole carcasses condemned	—	—	—	1	5	—
Carcasses of which some part or Organ was condemned	16	51	2	45	84	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	2.31%	55%	20%	1.5%	3.3%	—
Tuberculosis Only						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or Organ was condemned	—	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis	—	—	—	—	—	—
Cysticercosis						
Carcasses of which some part or Organ was condemned	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—
Total Number of Animals killed	6,330					
Total Amount of Meat Condemned	2,436 lbs.					

HOUSING

Unfit Houses

During the year Notices of Time and Place were served in respect of 12 houses and resulted in 3 Demolition Orders and 9 Closing Orders. This makes a total of 396 houses which have received action under the Council's Unfit Houses Programme.

The following table indicates the houses dealt with during the year:—

Wickwar	1
Iron Acton	3
Frampton Cotterell	3
Winterbourne	5

SUMMARY

(a) Clearance Areas

(b) Individual Unfit Dwellings

No. of dwellings the subject of Demolition Orders	3
No. of dwellings the subject of Closing Orders and Undertakings	9

(c) Individual Dwellings Made Fit

(i) Under Sections 9 and 16 of the Housing Act	8
(ii) Following formal public health action	42
(iii) Following formal action by local authority	32

IMPROVEMENT GRANTS

(a) Discretionary Grants

No. of applications received	197
No. of applications approved	161
No. of grants paid	101
Amount (£)	£66,517.00

(b) Standard Grants

No. of applications received	37
No. of applications approved	31
No. of grants paid	33
Amount (£)	£6,554.00

NEW HOUSES ERECTED

(a) No. of houses erected by local authority (of which 50 were for old persons)	75
(b) By private development	709

RENT ACT 1957

(a) No. of applications received	—
(b) No. of certificates of disrepair issued	—

HOUSING ACT, 1969

(a) Improvement Cases

No. of applications for Qualification Certificates under section 44 (2) under consideration at end of period	1
No. of Certificates of provisional approval issued	7
No. of Qualification Certificates issued under section 46(3)	7

(b) Standard Amenities already provided

No. of applications for Qualification Certificates under section 44(1) under consideration at end of period	1
No. of Qualification Certificates issued under section 45(2) in respect of:—	
(i) dwellings with rateable value of £90 or more in Greater London or of £60 or more elsewhere	3
(ii) dwellings with rateable value of £60 to less than £90 in Greater London or £40 to less than £60 elsewhere	1
(iii) dwellings with rateable value of less than £60 in Greater London or less than £40 elsewhere	2

(c) Exemption for low-income tenants from Section 54

No. of Certificates issued under Section 55	—

CARAVAN SITES

The year under review saw the closing down of one permanent residential caravan site leaving seven multiple sites in operation. Of these two are seasonal with accommodation for forty-one caravans and the remaining five sites have a total of 198 permanent residential caravans.

The Council's site at Clay Lane, Little Stoke which accommodates 58 caravans continues to be fully occupied and there is a considerable waiting list.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

Each year shows a steady increase in the volume of work done by this Department and one of the more noticeable facts is the number of complaints involving wasps nests and investigation of various insects such as ants, cockroaches, etc. Although it is not customary to treat infestations by ants, cockroaches and flies, it is done in the more difficult cases, in others advice, together with the appropriate materials are given.

The following table gives details of the work carried out under the above mentioned Act and has been compiled in the manner required by the Ministry of Agriculture, Fisheries and Food.

Properties other than sewers	Type of Property Non-Agricultural	Agricultural
1. Number of properties in district	20,368	787
2. a. Total number of properties (including nearby premises) inspected following notification	2,000	240
b. Number infested by		
(i) Rats	612	165
(ii) Mice	300	75
3. a. Total number of properties inspected for rats and/or mice for reasons other than notification	225	45
b. Number infested by		
(i) Rats	60	20
(ii) Mice	55	22

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

During the year 13 new applications for registration were received and these are categorised as follows:—

Offices	8
Retail Shops	5
Wholesale Shops, Warehouses	—
Catering Establishments open to the public, canteens	—

The total number of premises now registered is:—

Offices	96
Retail Shops	225
Warehouses	21
Catering Establishments	29

During the year under review 97 inspections were carried out and the following table shows the number of registered premises which received a general inspection during the year:—

Offices	12
Retail Shops	71
Warehouses	9
Catering Establishments	5

Analysis of Contraventions during the Current year

Temperature	1
Ventilation	3
Sanitary Conveniences	3
Washing Facilities	3
First Aid Provisions	2
Other Matters	4

REPORTED ACCIDENTS

Workplace	Fatal	Non Fatal	Total Investigated
Offices	—	1	1
Retail Shops	—	7	7
Wholesale Shops & Warehouses	—	4	4
Catering Establishments open to public	—	—	—

ANALYSIS OF REPORTED ACCIDENTS

	Offices	Retail Shops	Wholesale Warehouses	Catering Establishments
Falls of persons	—	2	—	—
Stepping on or striking against object or person	—	2	—	—
Handling goods	—	1	3	—
Struck by falling object	—	—	1	—
Use of hand tools	—	2	—	—
Not otherwise specified	1	—	—	—

REMARKS:—No prosecutions were made during the year due to the good co-operation of all concerned.

All twelve cases were investigated and advice given.

CLEAN AIR ACTS, 1956/68

During the year only one complaint was received regarding the emission of dark smoke and this was satisfactorily dealt with by informal action.

One large furnace installation with a stack of 60 ft. was approved.

SUMMARY OF PUBLIC HEALTH INSPECTORS' VISITS, ETC.

Housing Act Inspections	1216
Housing Act Reinspections	436
Public Health Act Inspections	833
Public Health Act Reinspections	489
Slaughterhouses	682
Dairies	12
Shops	8
Offices, Shops and Railway Premises	97
Ice Cream Premises	12
Food Hygiene Inspection	469
Food Inspection	220
Restaurant Kitchens	109
Bakehouses	20
Drainage	219
Sewage Works	27
Moveable Dwellings	233
Storage of Petroleum	194
Factories	37
Mortuary	8
Infectious Disease	86
Disinfections	3
Places of Entertainment	4
Public Conveniences	331
Refuse Tips	33
Water Supply	70
Noise Abatement Act	123
Atmospheric Pollution	151
Samples of Water	42
Sample of Sewage	7
Animal Boarding Establishments	24
Scrap Metal Dealers	5
Pet Shops	3
Rodent Control Inspections	1636
Rodent Control Reinspections	950
Sewer Baiting	313
Health Lectures	2
Public Analysis	4
Swimming Pools	3
Miscellaneous	169
Path. Lab.	7
Magistrates Court	1
	9,288

WARMLEY RURAL DISTRICT COUNCIL

DRAINAGE AND SEWERAGE

At Bitton Phase 1 of the scheme to improve surface and stormwater drainage has been completed.

Flood relief works at Oldland and Willsbridge are completed.

The foul water sewerage scheme has been completed at Upton Cheyney, making main drainage available to a substatial number of properties in the locality.

At Hanham Abbots the sewer to serve Castle Farm Road and Abbots Road is now completed.

A scheme is in operation whereby cesspools in non-sewered areas are serviced twice per year free of charge, subject to certain limitations.

FOOD HYGIENE REGULATIONS, 1970

Category	No. of Premises	No. Complying with Reg. 18	N. of Premises to which Reg. 21 applies	No. complying with Reg. 21
CATERING ESTABLISHMENTS: (Including school canteens, cafes, factory canteens, public houses).	48	48	48	48
FOOD FACTORIES	3	3	3	3
GENERAL PROVISION SHOPS	36	36	33	33
CONFECTIONARY SHOPS & BAKEHOUSES	17	17	5	5
FISH FRIERS & WET FISH SHOPS	2	2	2	2
BUTCHERS & COOKED MEAT SHOPS	8	8	8	8

(Regulation 18 refers to the provision of wash hand basins and Regulation 21 to facilities for washing food and equipment).

PREMISES REGISTERED UNDER FOOD AND DRUGS ACT, 1955 (SECTION 16)

(a) For the manufacture and sale of sausages, cooked meats, etc.:
Butchers: 5

(b) Sale of ice-cream: 47

CONDEMNED FOOD

Unfit food is dealt with by voluntary surrender and, with the exception of condemned meat, is disposed of by deep burial at the refuse tip.

Condemned meat is dealt with by animal waste processors.

MEAT INSPECTION

The full time meat inspection service has been maintained with controlled hours of slaughter.

The very substantial throughput gives rise to inspection problems, and it is likely that consideration will have to be given in the forseeable future to increasing the meat inspection establishment.

Warmley Rural District Council

Carcasses and Offal inspected and condemened in which or in part

	Cattle Steers & Heifers	Cows	Calves	Sheep and Lambs	Pigs
Number killed	5537	3041	194	22268	42605
Number Inspected	5537	3041	194	22268	42605
All Diseases Except Tuberculosis & Cysticerci					
Whole carcasses condemned		5	8	25	80
Carcasses of which some part or organ was condemned		2740	3	3913	10152
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci		32.000	5.669	17.677	24.015
Tuberculosis Only					
Whole carcasses condemned		—	—	—	—
Carcasses of which some part or organ was condemned		—	—	—	17
Percentage of the number inspected affected with tuberculosis		—	—	—	0.039
Cysticercosis					
Carcasses of which some part or organ was condemned		6	—	—	—
Carcasses submitted to treatment by refrigeration		6	—	—	—
Generalised and totally condemned		—	—	—	—
Percentage of the number inspected affected with cysticercosis		0.069	—	—	—

NUMBER OF CATTLE RECEIVED UNDER THE TUBERCULOSIS (SLAUGHTER OF REACTORS) ORDER, 1950

CONDEMNED: Meat effected with Tuberculosis: 192 lbs. Meat other disease and conditions: 11,433 lbs.

HOUSING

Clearance Areas

Unfit houses dealt with by Clearance Orders	—
Unfit houses purchased by agreement:	

Individual Unfit Houses

(a) Houses dealt with by Demolition Orders	1
(b) Houses closed in pursuance of an Undertaking given by the owners under Section 16	—
(c) Part of buildings closed (Section 18):	—
(d) Closing Orders made	3

Properties Rendered Fit

Number of unfit or defective houses rendered fit during the year as a result of informal action by the Local Authority under the Public Health and Housing Acts	21
Demolition Orders revoked	—
Closing Orders revoked	—

Rent Act, 1957

Number of applications for Certificate of Disrepair	—

New Houses Erected

(a) Total number erected during the year:	
Council	38
Private Enterprise	185
(b) Number of houses under construction but not completed at the end of the year:	
Council	—
Private Enterprise	130
(c) New houses erected during the year with state assistance under the Housing Act	—

Grants

(a) *Improvement Grants*	
Number of applications received during the year	84
Number of applications approved	61
Payments made	£22,512
(b) *Standard Grants*	
Number of applications received during the year	15
Number of applications approved	10
Payments made	£3,391

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

There is one large, and a number of small, permanent residential sites in the District, which are maintained in reasonable condition. Informal action has been taken where necessary to deal with minor infringements of site licence conditions.

There have been no further developments with regard to the proposed gypsy encampment at Howsmoor Lane, Mangotsfield.

REFUSE COLLECTION

The whole District is now served by means of a weekly "back door" type collection, principally using the continental dustless (Zoller) system. Disposable sacks are used in small outlying areas, and all receptacles are provided by the Council as a rate borne charge.

Bulk refuse is collected weekly on request, free of charge, and residents are provided with free facilities for tipping refuse.

REFUSE DISPOSAL

Domestic refuse is processed at the pulverisation plant at Carsons Road, Mangotsfield, which also handles the crude domestic refuse from Kingswood and Mangotsfield Urban Districts. The entire output from the plant is tipped at the Claypits Tip, Tower Road North, Warmley.

The Claypits Tip is well advanced, and it is likely that major tipping operations will have to cease at the end of 1973.

General operation of the tip has been satisfactory, and routine measures have been taken to deal with mal-odours, flies and rodents. Because of the high tipping level reachel, site water is no longer a major problem.

REFUSE PULVERISATION PLANT

SOUTH GLOUCESTERSHIRE REFUSE DISPOSAL COMMITTEE

The Plant continued to work satisfactorily during the year, with only a shut-down for three working days, during which time refuse was tipped crude.

Maintenance work, including replacement of new parts, was carried out during the weekends.

There was a general increase in the quantity of refuse brought in by the three Authorities, and this is attributed to the increase in population and houses in the District.

	tons	cwts.	qtrs.	lbs.
Kingswood U.D.C.	6330	9	7	—
Mangotsfield U.D.C.	5251	7	2	21
Warmley R.D.C.	5006	19	3	14
	16588	16	3	7

The treated refuse was disposed of at the Claypits Refuse Tip in Tower Road North, Warmley, which is owned by the Warmley District Council. The tip will be filled and levelled by December, 1973, when the Joint Committee will have to open up the new tip at Shortwood.

The cost of operating the Plant, including all Loan Charges, also disposal costs at the Claypits, amounted to £50,586, which gives an overall disposal cost of £3.05 per ton.

The Joint Committee's application to use the quarry at London Road, Warmley, was not proceeded with as the owners won their planning appeal to use the site as a tip for their own use.

Approximately nine acres of the Claypits site has been levelled and seeded and is used as a play area.

RODENT CONTROL

The Council maintain a free service for domestic premises and a rechargeable service for business and agricultural premises. Fixed price contracts, renewable annually, continue to be popular with commercial and agricultural undertakings.

Mice are still the most difficult pest to eliminate; the only effective method to deal with them is to use all the rodenticides available, but as always prevention is better than a cure.

Sewer test baiting has continued as a matter of routine.

PREVENTION OF DAMAGE BY PESTS ACT, 1949
REPORT ON RATS AND MICE:

Properties other than sewers:	Type of property Non-Agricultural	Agricultural
1. Number of properties in District	7944	98
2a. Total number of properties (including nearby premises) inspected following notification	350	14
2b. Number infested by:		
(i) Rats	200	13
(ii) Mice	142	10
3a. Total number of properties inspected for rats and/or mice for reasons other than notification	533	74
3b. Number infested by:		
(i) Rats	82	28
(ii) Mice	81	46

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Class of Premises	No. registered during the year	Total of registered	No. inspected during year	persons employed
Offices	2	13	11	104
Retail Shops	—	46	45	179
Wholesale Shops, Warehouses	—	4	4	42
Catering establishments	—	4	4	32
Total	2	67	64	358

AIR POLLUTION

The Public Health Committee have agreed in principle to a start being made on surveys preparatory to consideration of possible smoke controlled areas.

Various problems in the industrial sector have been dealt with by informal action as necessary.

SUMMARY OF PUBLIC HEALTH INSPECTORS' VISITS, ETC.

Dwelling House (Public Health Act)	97
Dwelling House (Housing Act)	121
Improvement Grants	287
Refuse	1235
Food Premises (Registered)	58
Food Premises (Unregistered)	91
Bakehouses	11
Factories (Non-Mechanical)	2
Factories (Mechanical)	43
National Assistance Act, -1948	—
Clean Air	73
Drainage	112
Tents, Vans and Sheds	89
Keeping of Animals	43
Food Inspection	291
Meat Inspection	Full Time Inspection
Sites	35
Water Supplies	29
Infectious Disease Enquires	298
Miscellaneous Infectious Disease Visits	98
Food Sampling	37
Miscellaneous Sanitary Visits	638
Rodent Control	971
Disinfestation (Other Pests)	115
Meetings and Conferences	185
Health Education	19
Offices, Shops and Railway Premises Act, 1963	75
All Other Matters	444

KINGSWOOD URBAN DISTRICT COUNCIL

DRAINAGE AND SEWERAGE

The Southern Area Drainage Scheme which was primarily for surface water drainage and the relief of overloaded sewers on the combined drainage system has now been completed and it has been seen during heavy storms since its completion that no flooding occurred.

A further scheme for both foul and surface water drainage relief to the Station Road area is programmed to commence during 1973/74 at an estimated cost of £131,000.

REFUSE COLLECTION

There have been no changes in the method of collection during the year, but the second "Revopak" refuse collection vehicle has been delivered and is in use. The free collection of bulky items from domestic premises continues.

FOOD INSPECTION

FOOD HYGIENE REGULATIONS, 1970

Category	No. of Premise.	No. complying with Reg. 18	N. of Premises to which Reg. 21 applies	No. Complying with Reg. 21
Catering Estabs. (inc. school canteens, pubs, cafes, factory canteens	40	40	40	40
Food factories	3	3	3	3
General provision shops	69	69	69	69
Confectionary shops & bakehouse	16	16	16	16
Fish friers & wet fish shops	10	10	10	10
Butchers & cooked meat shops	23	23	23	23

(Section 18 refers to the provision of wash hand basins and Regulation 21 to facilities for washing food and equipment)

PREMISES REGISTERED UNDER FOOD AND DRUGS ACT, SECTION 16

Sale of Ice Cream	67
Sale of meat products	14
	81

ICE CREAM AND MILK

Sampling continues to be performed by the County Health Inspector's Department.

FOOD SURRENDERED OR CONDEMNED
(other than meat from slaughterhouse)

	tons	cwts.	lbs.
Cooked meats and meat products	1	4	12
Canned meats	—	—	88
Other canned food	—	4	12
Frozen foods unsaleable due to cabinet breakdown	—	3	—

FOOD COMPLAINTS

A variety of food complaints were received during the year, and a selection is given below:—

1. A piece of plastic in a chocolate bar proved to be part of the chocolate mould. As a result of the complaint, an improved plastic mould was introduced.

2. Alleged foreign bodies in pork pie were found upon analysis to be haemo-lymph nodes.

3. Paper in malt loaf was determined as being part of a yeast wrapper and the manufacturers were contacted.

4. Alleged foreign matter in pork chop proved to be a thick bristle.

5. Suspension in cider proved to be naturally occuring substances which persons familiar with bottled cider would find unfamiliar and objectionable.

MEAT INSPECTION

Carcasses and Offal inspected and condemned in whole or in part

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	11	—	—	—	—	—
Number inspected	11	—	—	—	—	—
All Diseases Except Tuberculosis & Cysticerci						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or Organ was condemned	1	—	—	—	—	—
Percentage of the No. inspected affected with disease other than tuberculosis and cysticerci	9%	—	—	—	—	—
Tuberculosis Only						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or Organ was condemned	—	—	—	—	—	—
Percentage of the number inspected affected with Tuberculosis	—	—	—	—	—	—
Cysticercosis						
Carcasses or which some part or Organ was condemned	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

Note: The only slaughterhouse in the area ceased to operate early in the year.

HOUSING

(a) Clearance Areas

No. of dwellings included in Clearance Areas	—

(b) Individual Unfit Dwellings

No. of dwellings the subject of Demolition Orders	—
No. of dwellings the subject of Closing Orders or Undertakings	3

(c) Individual Dwellings made fit

(1) Under Section 9 and 16 Housing Act	—
(2) Following formal Public Health Action	3
(3) Following informal action by Local Authority	12

Improvement Grants (Housing Act 1969)

(a) *Improvement Grants*

No. of applications received	48
No. of applications approved	47
No. of grants paid	34
Amount	£20,481

(b) *Standard Grants*

No. of applications received	8
No. of applications approved	8
No. of grants paid	7
Amount	£432

Grants paid were double those paid in the preceeding year.

Qualification Certificates

(a) *Improvement Cases*

No. of certificates of provisional approval issued	27
No. of qualification certificates issued.	5

(b) *Standard amenities already provided*

No. of qualification certificates issued	1

New Houses Erected

(a) No. of houses erected by Local Authority of which 8 were for old people	16
(b) By private development	55

Rent Act 1957

(a) No. of applications received	—
(b) No of certificates of Disrepair issued	—

Overcrowding

(a) No. of cases reported	—
(b) No. of cases relieved	—

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

Properties other than Sewers		Type of Property Non-Agricultural	Agricultural
(1)	Number of properties in District	10,687	6
(2a)	Total number of properties (including nearby premises) inspected following notification	161	6
(2b)	Numbers infected by:—		
	(i) rats	58	1
	(ii) mice	103	—
(3a)	Total number of properties inspected for rats and/or mice for reasons other than notification	—	—
(3b)	Numbers infected by:		
	(i) rats	—	—
	(ii) mice	—	—

Owing to the sudden death of the part time operator, Mr. A. Francis, just after Christmas, it has been necessary to arrange for the services of the Rodent Operator at Warmley to undertake treatments at premises within the Kingswood area.

OFFICES, SHOPS AND RAILWAY PREMISES

Class of Premises	No. of Premises registered during year	Total No. of registered premises at end of year	No. of premises receiving inspection during the year
Offices	1	44	2
Retail Shops	2	160	8
Wholesale shops & warehouses	—	8	1
Catering establishments open to the public, canteens etc.	1	5	1
Fuel storage depots	—	—	—

Total number of visits of all kinds by inspectors to registered premises was 34.

Analysis of Persons Employed in Registered Premises

Class of Workplace	No. of persons
Offices	334
Retail Shops	731
Wholesale shops and Warehouses	32
Catering establishments	34
Canteens	9
Fuel Storage Depots	—
Total	1,140
Total males	465
Total females	675

AIR POLLUTION

It was not found necessary to take any formal action for emmissions of smoke during the year.

NOISE ABATEMENT

A number of noise complaints from industrial premises were dealt with informally.

NUMBER OF VISITS

Caravans and Moveable Dwellings	8
Clean Air	80
Cleansing and Salvage	8
Drainage	197
Factories (Non-Mechanical)	1
Factories (Mechanical)	2
Food Premises, Registered	41
Food Premises, non, registered	105
Dwelling Houses (Housing Act)	146
Dwelling Houses (Public Health Act)	328
Other Premises (Public Health Act)	156
Improvement Grants	683
Infectious Disease	81
Noise	31
Offices, Shops and Railway Premises	34
Petroleum	25
Hairdressers	—
Meat Inspection	8
Shops Act	2
Outworkers	—
Building Sites	—
Miscellaneous	239

MANGOTSFIELD URBAN DISTRICT COUNCIL

DRAINAGE AND SEWERAGE

1. A relief foul sewer has been constructed from the site of the old sewerage works at Bromley Heath to Valley Gardens to overcome the problem of surcharging from the old trunk sewer during periods of prolonged rainfall. The new sewer varies in diameter from 675 mm to 825mm and the scheme has been carried out at a cost of £52,000.
2. A £26,000 scheme has been carried out to enlarge the existing 450 mm to 600 mm surface water sewer between Burley Grove and Brook Road, Mangotsfield. The new sewer comprises approximately 570 metres of 825 mm and 900 mm diameter sewer and is the first phase of a scheme to overcome flooding problems at Burley Grove.
3. The recently constructed 450 mm surface water sewer in Overndale Road has been extended to Heath Walk to overcome flooding problems in the Cleeve Hill vicinity.
4. A new 225 mm surface water sewer has been constructed between Howard Road and Kendall Road to augment the soakaways in Howard Road which were proving inadequate at times of heavy rainfall.
5. A new 600 mm surface water sewer has been laid in Oakdale Road and Quakers Road to divert the flow from Downleaze area where flooding has been experienced.

In the forthcoming year the following works will be undertaken.

1. An existing defective 150 mm surface water sewer in Hillhouse Road is to be renewed with a 225 mm sewer.
2. Phase two of the scheme to enlarge the main surface water sewer between Brook Road and Burley Grove to overcome flooding problems at Burley Grove.
3. The construction of a 375 mm foul sewer in Bromley Heath Road and Overndale Road as a duplicate sewer to relieve the existing 300 mm main foul sewer which is overloaded.

FOOD INSPECTION

FOOD HYGIENE REGULATIONS (1970)

Routine inspections to ensure the maintenance of the standards laid down in these regulations continued throughout the year. The number of premises involved is as follows:—

	No. of Premises	No. complying with Reg. 18	No. of Premises to which Reg. 21 applies	No. complying with with Reg. 21
Catering Establishments: (inc. school canteens, pubs, cafes, factory canteens).	24	24	14	14
Food factories	—	—	—	—
General Provision Shops	32	32	28	28
Confectionary shops and bakehouses	10	10	6	6
Fish friers and wet fish shops	10	10	10	10
Butchers and Cooked Meat Shops	18	18	11	11

(Section 18 refers to the provision of wash hand basins and Section 21 to facilities for washing food and equipment).

PREMISES REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT 1955

(1) Sale of Ice Cream 54
(2) Cooked Meat Products 17

FOOD CONDEMNED

Ice Cream	140 lbs.
Fish	84 lbs.
Jellied Veal	70 lbs.
Tongue	10 lbs.
Vegetable	1109 lbs.
Fruit Juice	40 lbs.
Meat Products	420 lbs.

There were 10 refrigerator breakdown in shops, resulting in foodstuffs being rendered unfit for human consumption; other foods were condemned following a request by traders. It was not necessary to exercise formal seizure of any food offered for sale.

All contaminated food is collected by the Council's refuse collectors and disposed of at the refuse tip.

Mangotsfield Urban District Council

Carcasses and Offal inspected and condemned in whole or in part

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	220	31	19	1123	2479
Number inspected	220	31	19	1123	2479
All Diseases Except Tuberculosis and Cysticerci					
Whole carcasses condemned	3	—	3	1	10
Carcasses of which some part or Organ was condemned	40	3	1	30	119
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	19.5	9.6	19.0	2.7	5.2
Tuberculosis only					
Whole carcasses condemned	—	—	—	—	—
Carcasses of which some part or Organ was condemned	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis	—	—	—	—	—
Cysticercosis					
Carcasses of which some part or Organ was condemned	—	—	—	—	—
Carcasses submitted to treatment by refrigeration	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—

HOUSING

(a) Clearance Areas

No. of dwellings included in Clearance Areas	Nil

(b) Individual Unfit Dwellings

No. of dwellings the subject of Demolition Orders	Nil
No. of dwellings the subject of Closing Orders or undertakings.	4

(c) Individual Dwellings made fit

(1) Under section 9 and 16 Housing Act	Nil
(2) Following formal Public Health action	2
(3) Following informal action by local authority	4

Improvement Grants

(a) *Discretionary Grants*

No. of applications received	97
No. of applications	97
No. of grants paid	88
Amount	£40,942

(b) *Standard Grants*

No. of applications received	12
No. of applications approved	12
No. of grants paid	13
Amount	£961.00

New Houses Erected

(a) No. of houses erected by local authority — 60 flats.
(b) By private development — 98 mixed houses and flats.

Rent Act 1957

(a) No. of applications received	Nil
(b) No. of certificates of disrepair issued	Nil

Overcrowding

(a) No. of cases reported	Nil
(b) No. of cases relieved	Nil

HOUSING ACT, 1969 — QUALIFICATION CERTIFICATES

The Act placed responsibility on the local authority for issuing Certificates of Provisional Approval and Qualification Certificates. The Certificates are issued to certify that houses are in possession of all the standard amenities and generally in a good state of repair, or will be so after certain works have been carried out.

During the year 2 Provisional Certificates and 5 Qualification Certificates were issued.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The general standard of premises to which the Act applies is high.

There have been a number of minor accidents reported throughout the year but no serious accidents reported and it was not necessary to take formal proceedings in respect of contraventions.

Class of Premises	No. of premises newly registered during the year	Total No. of registered premises at end of year	No. of registered premises receiving one or more general inspections during the year
Offices	3	40	0
Retail Shops	9	135	18
Wholesale shops, Warehouses	0	2	0
Catering establishments open	—	16	16
TOTALS	12	193	34

Number of visits of all kinds (including general inspections) to Registered Premises 68

Analysis by, workplace of persons employed in registered premises at end of year.

Offices	447
Retail Shops	732
Wholesale Departments, warehouses	84
Catering establishments open to the public	84
Canteens	6
Total	1352
Total Males	488
Total Females	865

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Type of Property Non-Agricultural	Agricultural
1. Number of properties in District	8193	3
2. (a) Total number of properties (including nearby properties) inspected following notification	709	—
(b) Number infested by:		
(i) Rats	138	—
(ii) Mice	67	—
3. (a) Total number of properties inspected for rats and/or mice for reasons other than notification	6241	—
(b) Number infested by:		
(i) Rats	25	—
(ii) Mice	50	—

The figure of 6241 properties referred to includes routine inspections of household drainage access chambers. This policy of regular attention to house drains is justified by the ultimate small number of complaints of rat infestation in houses.

CARAVANS AND CAMPING SITES

There is only one permanent Caravan Site in the district at Cleeve Wood Road, and this was maintained in a very satisfactory condition throughout the year. There are no camping sites within the Urban Area.

HEALTH EDUCATION

During the year 6 talks on environmental health were given to various organisations and there appears to be no lack of interest on the part of the organisations for such talks. As usual the most interest was shown in the New Improvement Grants Scheme.

AIR POLLUTION

The only complaints regarding air pollution were received in respect of usual burning of bonfires, during the summer months, particularly during the evenings. Such nuisances were easily remedied by an informal approach to those responsible for the fires and it was not necessary to take any further action.

PUBLIC SWIMMING BATHS, SOUNDWELL

The standard of the baths water was maintained at a very high level throughout the year, and no problems arose as far as the free chlorine and Ph content were concerned.

SUMMARY OF PUBLIC HEALTH INSPECTORS VISITS, ETC.

Accumulations	3
Animals kept	1
Bakehouses	14
Dairies	5
Drainage — Houses	16
— Other	4
Factories	20
Food Premises	680
Houses — dirty or verminous	2
Houses (Public Health Act)	46
Housing, Inspections	170
Improvement Grants	952
Rats & Mice	8
Shops	459
Slaughterhouses	390
Sewers	3
Water supply	1
Infectious Disease Visits	220
Interviews	1210
Meetings, Council etc.	42
Miscellaneous	475
Swimming Baths	50
Lectures and Talks	6
Caravans	4
Food Vans	4
Smoke Nuisance (Domestic)	12
Office, Shops & Railway Premises	84
Noise nuisances	6

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